

4.2.D. 0604000204 (North Fork Creek).

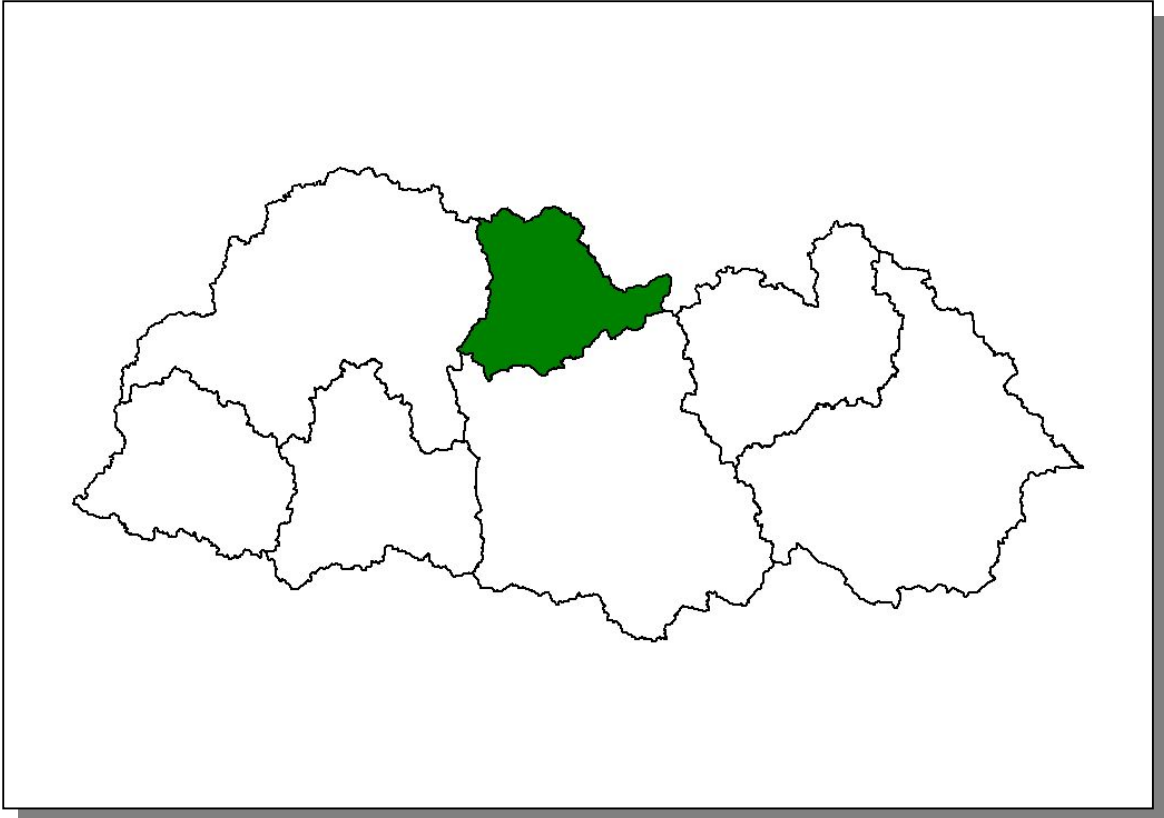


Figure 4-41. Location of Subwatershed 0604000204. All Upper Duck HUC-10 subwatershed boundaries are shown for reference.

4.2.D.i. General Description.

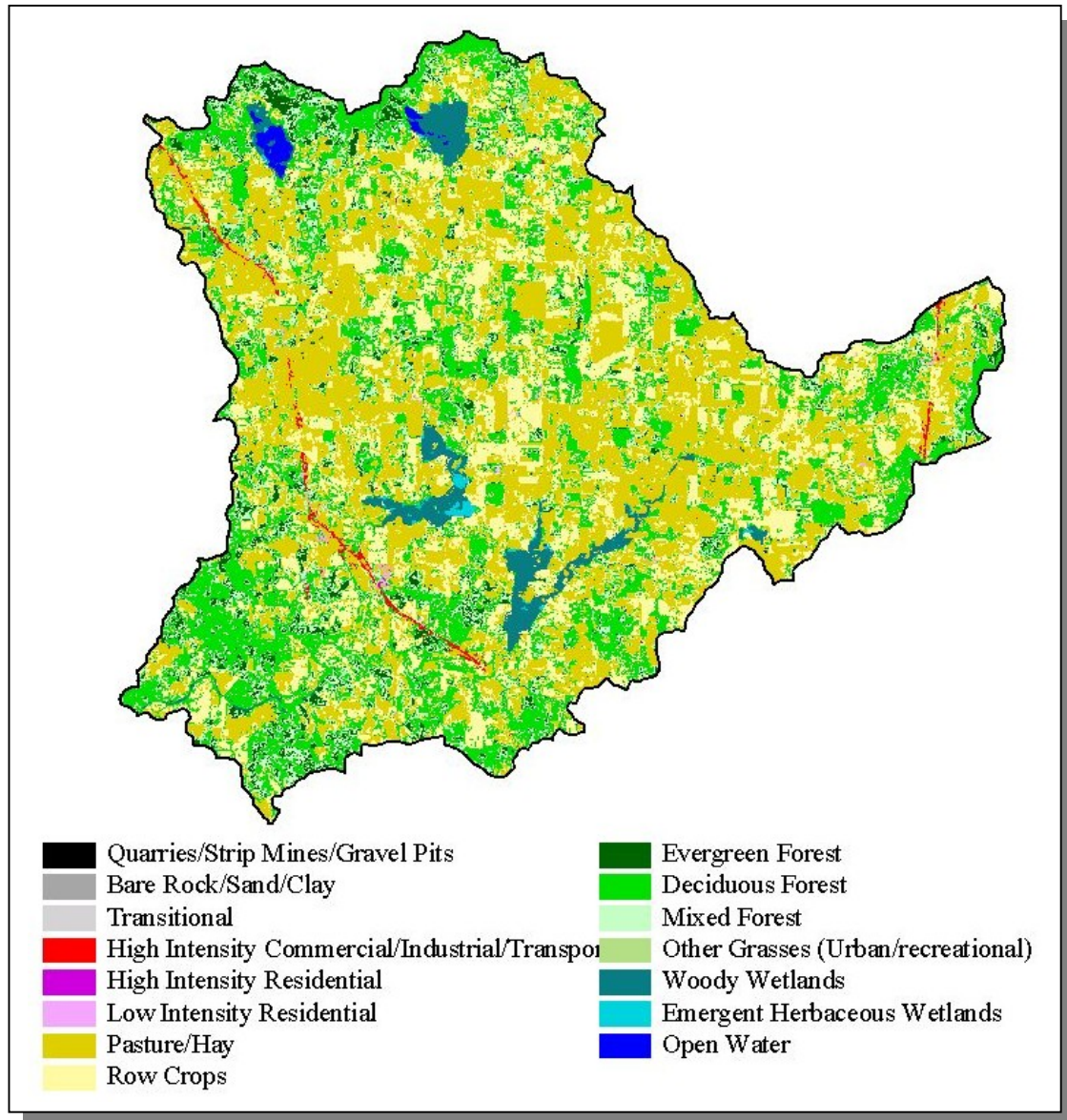


Figure 4-42. Illustration of Land Use Distribution in Subwatershed 0604000204.

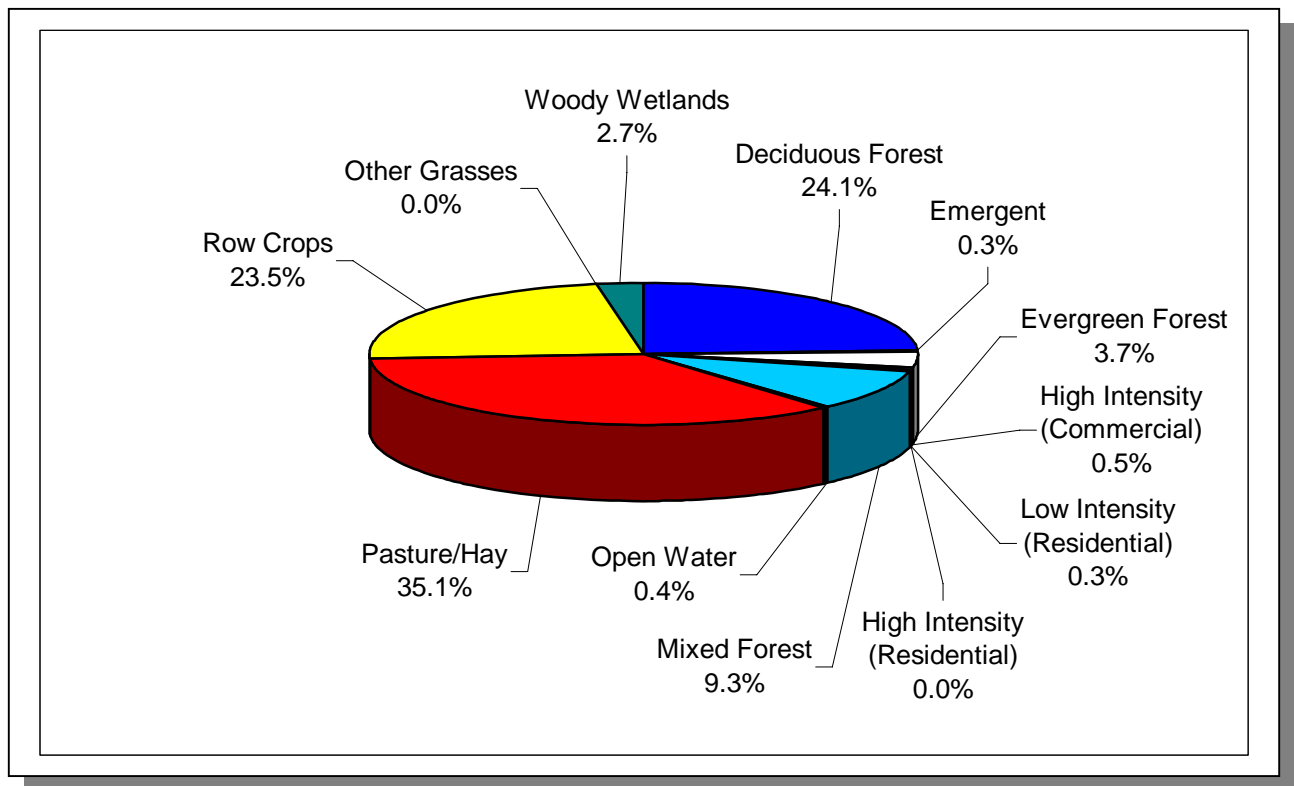


Figure 4-43. Land Use Distribution in Subwatershed 0604000204. More information is provided in Appendix IV.

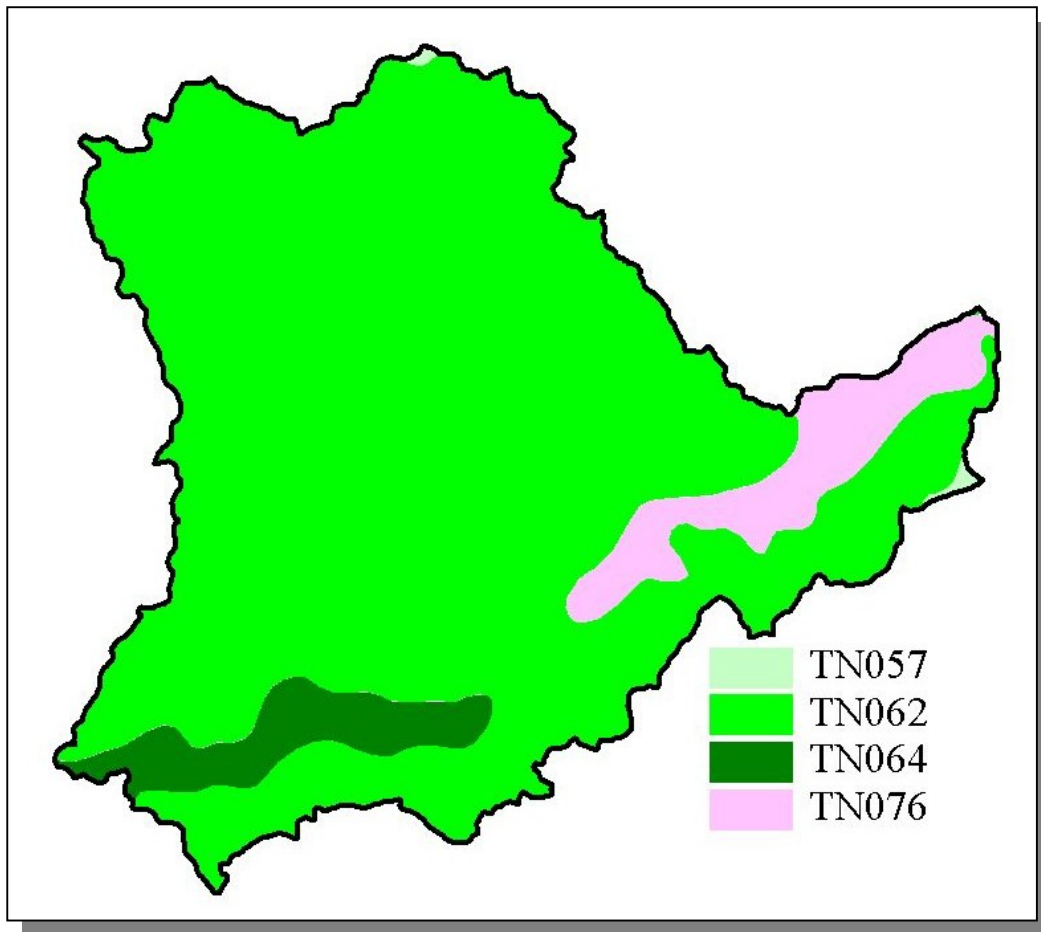


Figure 4-44. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000204.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN057	0.00	C	1.14	5.01	Clayey Loam	0.33
TN062	0.00	C	0.98	4.40	Clayey Loam	0.26
TN064	7.00	C	1.19	5.82	Silty Loam	0.37
TN076	28.00	C	0.73	6.26	Silty Loam	0.33

Table 4-26. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000204. More information is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Bedford	30,411	34,203	37,586	16.18	4,920	5,533	6,081	23.6
Rutherford	118,570	159,987	182,023	0.6	711	960	1,092	53.6
Totals	170,520	219,877	246,376		5,631	6,493	7,173	27.4

Table 4-27. Population Estimates in Subwatershed 0604000204.

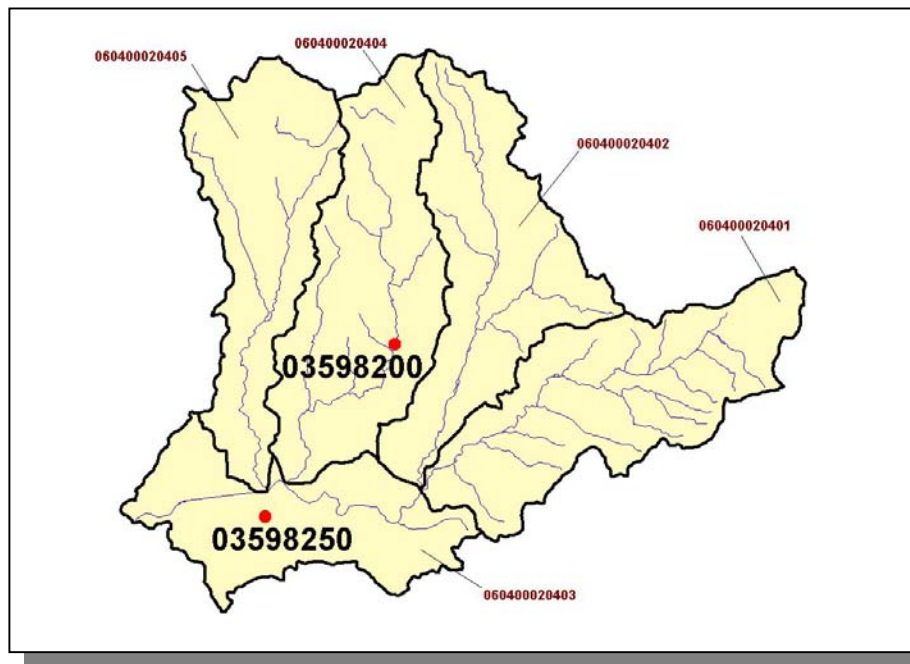


Figure 4-45. Location of Historical Streamflow Data Collection Sites in Subwatershed 0604000204. Subwatershed 060400020401, 060400020402, 060400020403, 060400020404, and 060400020405 boundaries are shown for reference. More information is provided in Appendix IV.

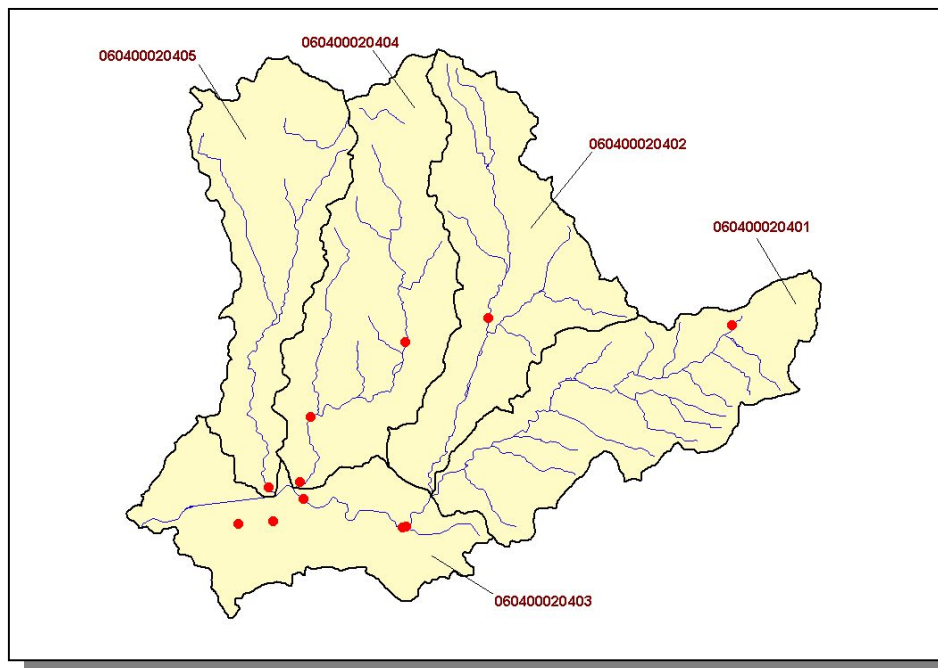


Figure 4-46. Location of STORET Monitoring Sites in Subwatershed 0604000204. Subwatershed 060400020401, 060400020402, 060400020403, 060400020404, and 060400020405 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

4.2.D.ii. Point Source Contributions.



Figure 4-47. Location of Active Point Source Facilities in Subwatershed 0604000204. Subwatershed 060400020401, 060400020402, 060400020403, 060400020404, and 060400020405 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

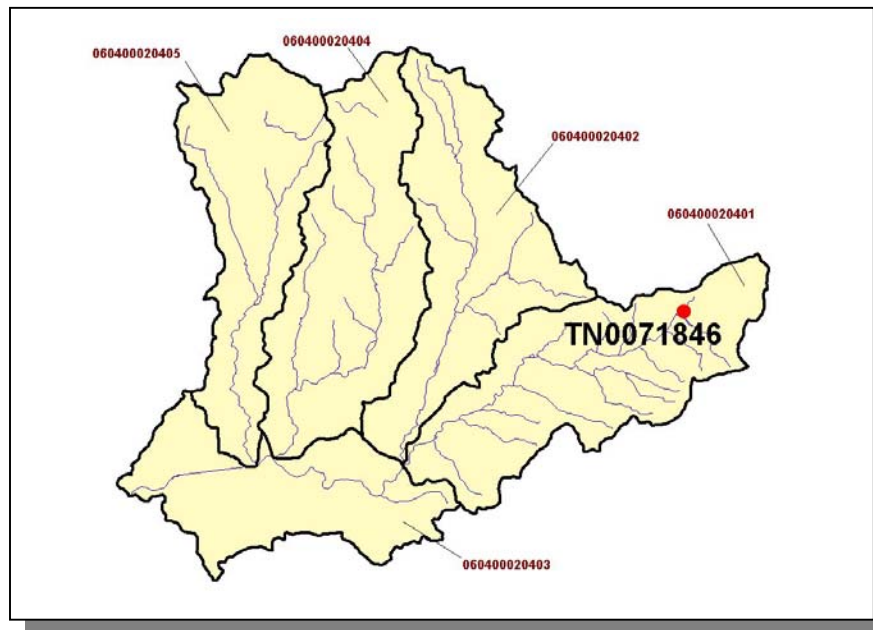


Figure 4-48. Location of Active Mining Facilities in Subwatershed 0604000204. Subwatershed 060400020401, 060400020402, 060400020403, 060400020404, and 060400020405 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

4.2.D.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Milk Cow	Cattle	Chickens (Layers)	Chickens (Broilers Sold)	Hogs	Sheep
4,806	659	9,952	14	4,428,225	674	71

Table 4-28. Summary of Livestock Count Estimates in Subwatershed 0604000204.
According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Bedford	74.6	74.6	0.5	1.3

Table 4-29. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0604000204.

CROPS	TONS/ACRE/YEAR
Legumes (Pastureland)	0.12
Grass (Pastureland)	0.73
Grass (Hayland)	1.19
Legumes (Hayland)	0.32
Legumes, Grass (Hayland)	0.56
Grass, Forbs, Legumes (Mixed Pasture)	0.42
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	4.25
Cotton (Row Crops)	4.79
Soybeans (Row Crops)	5.93
Wheat (Close-Grown Cropland)	2.22
Summer Fallow (Other Cropland)	4.60
Other Cropland not Planted	0.23
Berry (Horticulture)	0.47
Conservation Reserve Program Lands	0.33
Non-Agricultural Land Use	0.00
Other Lands in Farm	0.05
Farmsteads and Ranch Headquarters	0.06

Table 4-30. Annual Soil Loss in Subwatershed 0604000204.